

# Onboard Battery BAT-36V

- Double 36VDC output channels, and 5A/channel;
- Anti-Shock design;
- UPS function with Auto-Bypass;
- Battery charging management inside;
- Over current and over temperature protection.

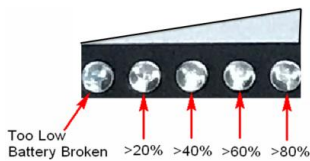


The on-board battery BAT-36V adopts a power-type lithium battery cell design, 37.8V when fully charged, and a discharge cut-off voltage of 24.5V. Built-in UPS automatic bypass circuit, when the external power supply is greater than 31V (default value, the threshold can be customized), it will automatically switch to the external power supply; when the external voltage is greater than 35V, the battery will be automatically charged, and the external power supply will also be used as output voltage directly supplies power to the load. The maximum input voltage supported by the external power supply is 55V.

Specification (25℃):

Name	Unit	Value
Capacity	Wh	226.8
Rated Voltage	V	36
Max. Voltage	V	37.8
Min. Voltage	V	24.5
UPS Switch Voltage	V	31 (default)
Min. Charge Voltage	V	35 (default)
Max. Input Voltage	V	55
Max. Output Current	A	10 (5A/Port)
Battery Output	BAT ON	LED indicator
Remaining Cap.	/	LED indicator
Anti-Shock (XYZ)	> 100g @6ms half sine	
Materials	/	Al. Alloy
Weight	kg	2.77
Dimension	mm	230×64×98

Remaining Capacity LED:



Connector Define:

Output OUT-1 and OUT-2 (LEMO EGG.1B.302)



Pin 1	Power+
Pin 2	Power-

Charging connector (LEMO EGG.1B.304):



Pin 1, Pin2	Charging and External Power-
Pin 3, Pin4	Charging and External Power+

Install Dimension:

